

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	("4352303" "5315891" "5588331" "5732598" "6276227" "6389925" "6467368").PN.	USPAT	OR	ON	2006/05/15 16:33
L2	2	("0112559" "0128112").PN.	USPAT	OR	ON	2006/05/15 16:34
L3	1	("5921139").PN.	USPAT; USOCR	OR	OFF	2006/05/15 16:35
L4	2	("20020112559").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 16:35
L5	2	("20020128113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 16:35
L6	2	("20020128112").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 16:36
S1	0	("("4352303" "5315891" "5588331" "5732598" "6276227" "6389925" "6467368").PN.").PN.	USPAT; USOCR	OR	OFF	2006/04/12 07:28
S2	0	("("112559" "0128112").PN.").PN.	USPAT; USOCR	OR	OFF	2006/04/07 11:55
S3	2	("0112559" "0128112").PN.	USPAT	OR	ON	2006/04/07 12:28
S4	7	("4352303" "5315891" "5588331" "5732598" "6276227" "6389925" "6467368").PN.	USPAT	OR	ON	2006/04/07 11:55

## EAST Search History

S5	123	("1281043"   "1511261"   "1556411"   "1834724"   "2796773"   "3091130"   "3499346"   "3524979"   "3633437"   "3967609"   "3987777"   "4016838"   "4019402"   "4222286"   "4352303"   "4461189"   "4541401"   "4653613"   "4744265"   "4840080"   "4848502"   "5009629"   "5052241"   "5052242"   "5134897"   "5178033"   "5197927"   "5241877"   "5307787"   "5325735"   "5339929"   "5370412"   "5390565"   "5458018"   "5476019"   "5481934"   "5575178"   "5577413"   "5588331"   "5588925"   "5601001"   "5676020"   "5676022"   "5682963"   "5701786"   "5732598"   "5768945"   "5802927"   "5845537"   "5921139"   "5941125"   "5971133"   "6021688"   "6067875"   "6276227").PN. OR ("4352303"   "5315891"   "5588331"   "5732598"   "6276227"   "6389925"   "6467368").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 11:56
S6	0	("112559"   "128112").URPN.	USPAT	OR	ON	2006/04/07 12:28
S7	25	("3982446"   "4137793"   "4256197"   "4286699"   "4286700"   "4336858"   "4352303"   "4569239"   "4580537"   "4587937"   "4630703"   "4746826"   "4875386"   "4898137"   "4932375"   "4966247"   "4969531"   "6135227"   "D267085"   "D273101").PN. OR ("6318490"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:19
S8	11	"74"/\$ and bicycle and shift and (base near member) and (axis near member)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:25
S9	1	"74"/\$ and bicycle and shift and (base near member) and (axis near two)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:25
S10	75	"74"/\$ and bicycle and shift and (base near member) and axis and two	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:26
S11	59	"74"/\$ and bicycle and shift and (base near member) and axis and two and gear	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:31

## EAST Search History

S12	63	"74"/\$ and bicycle and shift and axis and (two near gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:38
S13	72	"74"/\$ and bicycle and shift and axis and (second near gear) and handlebar	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:38
S14	1022	(74/502.2,489).CCLS.	USPAT; USOCR	OR	OFF	2006/04/10 15:48
S15	3062	(74/501.6,504,505,507).CCLS.	USPAT; USOCR	OR	OFF	2006/04/11 07:24
S16	375	S15 and (two or second near axis)	USPAT	OR	ON	2006/04/10 15:48
S17	971	(74/501.6).CCLS.	USPAT; USOCR	OR	OFF	2006/04/11 11:23
S18	1023	(74/502.2,489).CCLS.	USPAT; USOCR	OR	OFF	2006/04/11 11:24
S19	3063	(74/501.6,504,505,507).CCLS.	USPAT; USOCR	OR	OFF	2006/04/11 11:24
S20	1	(S18 or S19) and grip and (axis near transmission)	USPAT	OR	ON	2006/04/11 11:35
S21	1	("6263754").URPN.	USPAT	OR	ON	2006/04/11 11:26
S22	8	("4348916"   "5279179"   "5287765"   "5538270"   "5697159"   "5775168"   "5813501"   "5862709").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 11:27
S23	3	(S18 or S19) and grip and (axis near gear)	USPAT	OR	ON	2006/04/11 11:35
S24	24	("3524979"   "3633437"   "3665775"   "3701546"   "3874248"   "4352303"   "5102372"   "5197927"   "5481934"   "5524501"   "5588925"   "5662000"   "5666859"   "5673594"   "5676020"   "5799541"   "5893573"   "5921139"   "5970816"   "6042133"   "6055882"   "6145407").PN. OR ("6595894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 11:36
S25	3	("2796773"   "3633437").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:13
S26	1023	(74/502.2,489).CCLS.	USPAT; USOCR	OR	OFF	2006/04/11 15:13
S27	3063	(74/501.6,504,505,507).CCLS.	USPAT; USOCR	OR	OFF	2006/04/11 15:13
S28	39	(S26 or S27) and axis and (rotation near grip)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:45

## EAST Search History

S29	12	("3938407"   "4470823"   "5476019"   "5620383"   "5797296"   "5799541"   "5802927"   "5816966"   "5857387").PN. OR ("6282976").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:21
S30	24	("3524979"   "3633437"   "3665775"   "3701546"   "3874248"   "4352303"   "5102372"   "5197927"   "5481934"   "5524501"   "5588925"   "5662000"   "5666859"   "5673594"   "5676020"   "5799541"   "5893573"   "5921139"   "5970816"   "6042133"   "6055882"   "6145407").PN. OR ("6595894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:22
S31	24	("2796773"   "3633437").PN. OR ("4352303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:27
S32	25	("3982446"   "4137793"   "4256197"   "4286699"   "4286700"   "4336858"   "4352303"   "4569239"   "4580537"   "4587937"   "4630703"   "4746826"   "4875386"   "4898137"   "4932375"   "4966247"   "4969531"   "6135227"   "D267085"   "D273101").PN. OR ("6318490").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:31
S33	2	(S26 or S27) and rotation and (twist near grip) and (axis near gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 15:56
S34	6	(S26 or S27) and rotation and (twist near grip) and (transmission near gear) and cable	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:13
S35	6	(S26 or S27) and rotation and (twist near grip) and (transmission near gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:14
S36	33	(S26 or S27) and rotation and (twist near grip) and transmission	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:14
S37	3	("1834724").URPN.	USPAT	OR	ON	2006/04/11 16:22
S38	22	("1281043"   "1511261"   "1556411"   "1834724"   "4019402"   "4744265").PN. OR ("5588331").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 16:23
S39	7	("4352303" "5315891" "5588331" "5732598" "6276227" "6389925" "6467368").PN.	USPAT	OR	ON	2006/04/12 07:28

## EAST Search History

S40	123	("1281043"   "1511261"   "1556411"   "1834724"   "2796773"   "3091130"   "3499346"   "3524979"   "3633437"   "3967609"   "3987777"   "4016838"   "4019402"   "4222286"   "4352303"   "4461189"   "4541401"   "4653613"   "4744265"   "4840080"   "4848502"   "5009629"   "5052241"   "5052242"   "5134897"   "5178033"   "5197927"   "5241877"   "5307787"   "5325735"   "5339929"   "5370412"   "5390565"   "5458018"   "5476019"   "5481934"   "5575178"   "5577413"   "5588331"   "5588925"   "5601001"   "5676020"   "5676022"   "5682963"   "5701786"   "5732598"   "5768945"   "5802927"   "5845537"   "5921139"   "5941125"   "5971133"   "6021688"   "6067875"   "6276227").PN. OR ("4352303"   "5315891"   "5588331"   "5732598"   "6276227"   "6389925"   "6467368").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/12 07:43
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